

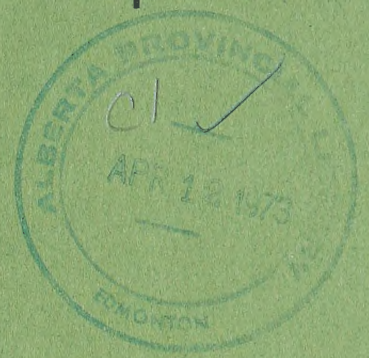
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Annual Report



The Alberta Universities Commission



1971-72
Annual Report

The Alberta
Universities Commission

Alberta

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February 1, 1973

The Honourable J.L. Foster,
Minister of Advanced Education,
Government of the Province of Alberta,
409 Legislative Building,
EDMONTON, Alberta
T5K 2B6

Dear Mr. Foster:

As required by section 76 of The Universities Act, I forward herewith the Annual Report of the Alberta Universities Commission for the fiscal year 1971-72.

Forwarded separately are copies of the Annual Reports of the four Universities, Alberta, Calgary, Lethbridge, and Athabasca.

Yours sincerely,

H. G. Thomson,
Chairman

THE ALBERTA UNIVERSITIES COMMISSION

ANNUAL REPORT — FISCAL YEAR 1971-72

(The Universities Act requires, in section 76, that the Universities Commission submit a report annually to the Minister of Advanced Education, to be tabled during the next session of the Legislature, covering each fiscal year, viz. April 1 to March 31 next following. It also requires that reports from each university be submitted.)

A. THE ALBERTA UNIVERSITIES COMMISSION

1. Origin

The Alberta Universities Commission was created, effective April 1, 1966, by the Universities Act, 1966. Under the provisions of the Act, there are four universities now operating in Alberta — the University of Alberta (1908), the University of Calgary (1966), the University of Lethbridge (1967), and Athabasca University (1970). The Commission was established to act on behalf of the Government of Alberta in certain matters, and as an intermediary between the universities and the Government.

2. Composition and Staff

The Act provides that the Commission shall consist of nine members:

- (a) A full-time Chairman, appointed by the Lieutenant-Governor-in-Council,
- (b) The Deputy Minister of Advanced Education and the Deputy Provincial Treasurer, and
- (c) Six other persons, appointed by the Lieutenant-Governor-in-Council.

As of March 31, 1972 the members of the Commission were:

Mr. H. G. Thomson, Chairman, Edmonton

Dr. R. E. Rees, Deputy Minister of Advanced Education, Edmonton

Mr. A. F. Collins, Deputy Provincial Treasurer, Edmonton

Dr. G. L. Burton, Claresholm

Dr. R. M. Hardy, Edmonton

Mr. H. T. Hargrave, Walsh

Mr. W. D. C. Mackenzie, Calgary

Dr. C. M. Macleod, Edmonton

The resignations of the Chairman, Dr. L. A. Thorssen, and of Dr. T. C. Byrne and Dr. G. W. Govier were recorded at the June, 1971 meeting of the Commission and of Mr. F. G. Stewart and Mr. M. E. Wolfe at the September, 1971 meeting.

Mr. D. L. Erickson was appointed Chairman in August of 1971 and resigned in November of 1971.

Mr. H. G. Thomson was appointed Chairman in January, 1972.

In addition to the Chairman, the full-time officers of the Commission were Dr. A. M. Kristjanson, Academic Planning Officer; Mr. J. R. B. Jones, Capital Planning Officer; and Mr. H. W. Ford, Secretary and Financial Analyst.

3. Functions

The functions of the Commission and the nature of its role in relation to the universities and the Government are defined in those sections of the Universities Act which refer to the Commission. The following are the more specific powers or areas of responsibility of the Commission:

- (a) To require and gather information related to the function, form and financing of university education, and to make such information available to the universities and the Government;
- (b) To regulate the extension, expansion or establishment of university programs, services or facilities in order to avoid undesirable or unnecessary duplication;
- (c) To recommend to the Government a level of annual support for both operating and capital needs of the universities;
- (d) To allocate among the several universities such support as is voted by the Legislature for both current and capital purposes;

- (e) To act as trustee of funds as may be given or bequeathed or which arise from escheated estates under the Ultimate Heir Act and to distribute income therefrom among the universities;
- (f) To borrow money by debenture or otherwise, subject to the approval of the Lieutenant-Governor-in-Council, for the purposes of the universities;
- (g) To act as an intermediary between the Government and the universities and between universities;
- (h) To do such other things as the Lieutenant-Governor-in-Council may direct or as the act may require in relation to various university bodies.

4. Meetings

During the fiscal year 1971-72, the Commission held 9 meetings — 8 at Edmonton and 1 at Calgary.

5. Legislation

The report of the Commission on Educational Planning was to be released shortly after the close of the Legislative session. As a consequence, presumably, the only amendment to the Universities Act was to section 24 dealing with universities' pension plans.

6. Business Transacted

(a) Studies

A number of studies referred to in the previous Annual Report were continued throughout the year. Those studies in progress as well as those completed in the year are listed and briefly described.

- (i) The Library Rationalization Committee to study and report on the problems and opportunities for rationalization of library services for post-secondary institutions in Alberta completed its study and reported to the Universities Commission.

- (ii) The Steering Committee on Computer Development continued its work throughout the year. A Working Committee was established to prepare an in-depth report which would evaluate various alternatives for computer rationalization in the Province and made a recommendation for action. It is hoped that the Steering Committee's analysis of the Working Committee's report and any further study can be completed by the middle of 1973.

- (iii) The Committee on Common Information Needs and Systems was part of a group which, in October, 1971, recommended to the Western University Presidents that a study be undertaken to look at information systems development in Canada and the United States and to make recommendations concerning the development of comparable data in the Western provinces. It was decided to wait until the report of the Western Canadian Universities' Task Force on Information Needs and Systems is completed before undertaking further in-depth study of the Alberta situation.

- (iv) Membership on the Steering Committee on an Academic Master Plan was broadened to include representatives from the institutes of technology, the colleges and the Banff School of Fine Arts. At the request of the Commission, the Committee:

- through its Task Force on Research and Graduate Studies submitted a brief on Research in Universities to the Association of Universities and Colleges of Canada spon-

- sored Commission To Study The Rationalization of University Research.
- undertook to consider the need for a second Faculty of Law in Alberta.
- (v) The Committee on Space Needs and Formula, with membership from the universities and the Commission, did not meet during the year as a Committee. The functions of the Committee were carried out through a small subcommittee working with the Commission staff. Computerized space inventories were brought up to date and utilization studies of instructional space were made. Common terminology and procedures for measuring and recording space inventories were developed.
 - (vi) For the Building Specifications Committee two new studies were approved: a study on design guidelines and performance and a study on comprehensive and up-to-date cost information on various types of university buildings. The Committee produced and published a Building Design Guideline manual to guide universities and designers in obtaining an adequate degree of control in the design of buildings to achieve economy in construction and operation.
 - (vii) The Committee dealing with Laboratory Animal Facilities, formed to review long range university plans for the development of facilities for the holding and breeding of animals to be used for instruction and research, held no meetings during the year pending the final negotiations for an off-campus site for the University of Calgary.
 - (viii) A report of the Pugh Committee Study on the Cost of Medical Education was submitted to the Minister of Health.
 - (ix) The Co-ordinating Council Committee on the Admission and Accreditation of Students Transferring from Colleges to Universities in Alberta completed its study and reported to the Co-ordinating Council. Copies of the report were made available to the universities' General Faculties Councils, the Colleges Commission and private colleges.
 - (x) The Co-ordinating Council Committee on University Continuing Education and Extension submitted its report to the Co-ordinating Council, the Universities Commission and the universities' General Faculties Councils. The report was also made available to other interested persons.
 - (xi) The Co-ordinating Council Committee on the Relations Between Universities and Government completed its study and reported to the Co-ordinating Council.
 - (xii) Cost Studies at the Universities of Alberta and Calgary were completed and the data was made available to the Universities Commission. The availability of this data makes it possible to examine the appropriateness of the enrolment unit weightings currently being used in the Province (see Appendix 1). A committee, composed of university and Commission representatives, was set up in early 1972 to undertake this task.
- (b) Academic Planning and Relationships
 - (i) The Academic Planning Officer of the Commission served as Co-ordinator of the Task

Force on Post-Secondary Education of the Commission on Educational Planning. The Chairman of the Commission also was a member of the Task Force. The Task Force completed its deliberations and reported to the Commission on Educational Planning.

- (ii) The Academic Planning Officer of the Commission served on an IPCUR Committee to consider the need for a College of Optometry in Western Canada.
- (iii) The Chairman of the Commission served on the Inter-Provincial Committee on University Rationalization.
- (iv) The Academic Planning Officer of the Commission served on the Advisory Committee on Terms and Conditions of Employment for Interns and Residents.
- (v) The following academic programs were approved during the year:
 - Master of Library Science — University of Alberta
 - Master of Arts in Linguistics — University of Calgary
 - Ph.D. in Educational Administration — University of Calgary
 - Ph.D. in English — University of Calgary
 - Ph.D. in Economics — University of Calgary
 - Master's program in Environmental Design in three areas; Architectural Studies, Urban Studies — Land Management and Environmental Science — University of Calgary
- (c) University Operational Financing
 - (i) Not only was the 1971-72 actual full-time enrolment significantly below forecast, but it

also was 1.2% below the actual figure for 1970-71. The Government's decision (as reported in last year's Annual Report) to provide a fixed level of total operating funds in each year (which does not change even if actual enrolments are above or below the projected figure), meant the universities did not suffer as large a drop in revenue as they would have under the old method of financing, where grants were based on actual enrolments.

- (ii) The formula used for distributing the 1971-72 operating grant is contained in Appendix 1 of this Report. It was substantially the same as the formula used in previous years except the emergence grant for Lethbridge was included under the non-formula category rather than, as in the past, including it as part of the formula grant by bonusing the Lethbridge enrolment units.
- (iii) For fiscal 1972-73, the Commission requested an operating grant of \$94.9 million for the universities and the Banff School of Fine Arts. This was made up of formula and non-formula components (as in the past) as well as a one-year supplementary grant to assist the universities in making an orderly transition to the lower level of expenditures necessitated by declining enrolments. The Government agreed to provide an operating grant of \$91.1 million for fiscal 1972-73, the division of which was to be left to the Commission. In its approval of this amount, the Government hoped there would be no increase in tuition fees.
- (d) University Capital Financing
 - (i) During the fiscal year

1971-72, the Universities Commission advanced to the four universities and the Banff School of Fine Arts \$43,595,423 for capital purposes. This included the balance of the 1970-71 grant (\$3,617,000), the 1971-72 grant (\$28,749,000), matching grants (\$4,463,423) and special warrants (\$7,187,000, of which \$421,000 was held for continuing commitments in April, 1972).

- (ii) The Universities of Alberta, Calgary and Lethbridge made their final draw on the \$185,000,000 allotted for capital purposes for the five years ending March 31, 1972. The Universities Commission allocated the \$185,000,000 on the basis of space and equipment formulas that took full cognizance of enrolment forecasts and the academic needs of students by year and discipline and the needs of faculty for administrative and research space. Special consideration was initially given to non-enrolment related facilities such as utilities, land purchases and Medical Science buildings. The final distribution for the five year period was:

U. of Alberta	\$101,142,000
U. of Calgary	68,658,000
U. of Lethbridge	15,200,000

- (iii) During 1971-72, funds provided in the capital grant were \$28,749,000 (balance of the \$185,000,000). Due to delays in development policy decisions for Athabasca University and the Banff School of Fine Arts, it was necessary to provide capital grants by special warrants of \$217,000 and \$170,000 respectively in December, 1971.

The rapid growth in enrolment at the University of Calgary had created a space crisis that led to a decision in June, 1971 to proceed with planned additional floors to three major academic buildings (Library, Biological Sciences, Earth Sciences) that were then under construction. The continuation of these projects involved a saving of about \$750,000 resulting from continuous construction. A special warrant for \$4,800,000 was authorized for this purpose.

Progress on the Medical Building for the new Faculty of Medicine at the University of Calgary, started early in 1970, was well ahead of schedule and a special warrant of \$2,000,000 was required in order to keep the project going without interruption. The total capital advances on this project (authorized to \$25,000,000) were \$17,000,000 at March 31, 1972.

- (iv) The Three Alberta Universities (3AU) campaign for donations continued through 1971-72 and is still in progress. As of March 31, 1972, campaign pledges exceeded \$14,000,000 of which about \$6,000,000 cash had been received by the universities. During the year the universities committed \$4,106,000 from donations to approved buildings and \$357,423 to furnishings, equipment and library books. These donations were matched by the Government.
- (v) Major capital building projects approved during 1971-72 were mainly concerned with the completion of buildings already under construction. They included:

University of Alberta	
Basic Medical Sciences Building (finishing)	\$3,200,000
Education Building Phase 2 (new start)	5,000,000
Structural Engineering Laboratory (alterations)	120,000
Farm buildings (feed mill, laboratories)	330,000

University of Calgary	
Biological Sciences Building (additional floors)	\$4,200,000
Library Building (additional floors)	2,800,000
Earth Sciences Building (additional floors)	3,100,000
(The completion of these buildings is phased over 4 to 6 years)	

Athabasca University	
Physical Planning	\$ 217,000
Banff School of Fine Arts	
Chalet 1 student residence replacement	\$ 425,000 (\$21,250 grant)
Staff residence	51,000 (mortgage)

- (vi) For the 1972-73 year, the Government agreed to provide the Universities Commission with a capital grant of \$32,882,000 and provision for matching grants of \$2,500,000 for the four universities and the Banff School. This was based on the need to continue existing construction contracts and to provide necessary furni-

ture and equipment. With the exception of some provision for planning, no funds were allocated to major new construction projects. While a new five year building program was developed, no Government consideration could be given to it until more reliable enrolment projections become available.

7. Commission Finances

The Balance Sheet, Statement of Revenue and Expenditure, Statement of Trust Fund Operations, and the Report of the Provincial Auditor are included as Appendix 2.

The operating expenditures of the Commission (exclusive of contra accounts) for fiscal 1971-72 amounted to \$242,580, producing an operating deficit of \$15,492. This level of expenditures was \$5,288 less than the previous year.

The operating expenditures exclude the costs of the various studies referred to under subsection 6. A special reserve for studies has been set up against which the costs of the studies have been, and will continue to be, charged (see note 2, Appendix 2).

Money received during the year by the Commission, under the Ultimate Heir Act, and held in trust amounted to \$99,533. Income earned on the trust fund totalled \$60,986 for the fiscal year. The distribution to the universities for student aid and research purposes was:

University of Alberta	\$49,532
University of Calgary	24,920
University of Lethbridge	3,466
TOTAL	\$77,918

B. THE UNIVERSITY YEAR IN REVIEW

Individual reports from the Universities of Alberta, Calgary, Lethbridge, and Athabasca University are prepared and submitted separately to the Commission. From these reports, the Commission prepares summaries for the total university system which are included in this Report as Tables 1 to 21. In order to provide an overview of the current year in comparison with the two preceding years, selected data from these summary Tables are presented below.

1. Enrolment (From Tables 10, 13 and 15)

The following sets forth enrolment figures for the last three years. The rapid growth of the last decade has ended as full-time enrolments declined in 1971-72 and part-time enrolments went up by only 3.5%.

(a) Full-Time Students and Percentage Increase (Decrease) Over Previous Year

University	1969-70		1970-71		1971-72
Alberta	17,354	14.3%	18,345	5.7%	18,243 (0.6%)
Calgary	7,962	17.6%	9,237	16.0%	9,173 (0.7%)
Lethbridge	1,261	23.1%	1,409	11.7%	1,218 (13.6%)
TOTALS	26,577	15.7%	28,991	9.1%	28,634 (1.2%)

(b) Percentage of Full-Time Enrolment in Certain Categories

	1969-70	1970-71	1971-72
Graduate Students	10.8%	10.4%	10.2%
First Year Students	28.4%	26.7%	25.0%
Students From Other Parts of Canada	5.8%	6.1%	6.1%
Students From Other Countries	4.7%	4.2%	4.6%
Women Students	37.6%	37.7%	37.4%

(c) Part-Time Students and Percentage Increase Over Previous Year

University	1969-70		1970-71		1971-72	
Alberta	7,439	7.8%	8,506	14.3%	8,506	0.0%
Calgary	5,253	23.8%	5,752	9.5%	6,285	9.3%
Lethbridge	1,014	39.7%	1,180	16.4%	1,183	0.3%
TOTALS	13,706	15.5%	15,438	12.6%	15,974	3.5%

2. Degrees and Diplomas (From Table 16)

The following table indicates the number of degrees and diplomas awarded.

	1969-70	1970-71	1972-72
Total Degrees Awarded	5,491	6,484	6,984
All Graduate Degrees	765	893	1,055
Ph.D. Degrees	171	207	223
TOTAL Diplomas Awarded	540	749	788

3. Faculty and Staff

The 1966-67 Report describes the computations used to determine various figures relative to staff and student/staff ratios. Employing the same procedures, the following figures have been arrived at for comparison with previous years.

(a) Academic and Non-Academic Employees (From Table 19)

	1969-70	1970-71	1971-72
Full-Time Faculty on Campus	1,965	2,155	2,286

Full-Time Faculty and Staff			
On Leave	154	169	183
Full-Time Employees Other Than Faculty	4,808	4,979	5,318
Post-Doctoral Fellows	71	33	14
Part-Time Faculty	2,850	2,912	3,052
(b) Student/Staff Ratios			
	1969-70	1970-71	1971-72
Full-Time Students/Full-Time Faculty	13.5/1	13.5/1	12.5/1
Full-Time Students/Full-Time Equivalent Faculty	9.7/1	9.6/1	9.1/1
Full-Time Equivalent Students/Full-Time Equivalent Faculty	10.0/1	9.9/1	9.5/1

The above figures include only those persons on the payrolls of the universities. In addition, there were a number of personnel who were paid by research grants from outside sources. In the main they were outside the instructional processes of the universities and hence would not influence student/faculty ratios.

4. Finance – Operating (From Tables 1 and 2)

The definitions and calculations as set forth in the 1966-67 Report apply to this section.

	1969-70	1970-71	1971-72
Total Net Operating Expenditures (\$000)	\$82,318	\$96,241	\$105,049
Cost Per Full-Time Student	3,097	3,320	3,669
Total Operating Revenues (\$000)	81,919	95,359	105,759
Surplus (Deficit) (\$000)	(399)	(890)	681

The following table summarizes the various forms of revenue received by universities.

Type of Revenue	1969-70			1970-71			1971-72		
	\$000	\$ Per Student	% Of Total	\$000	\$ Per Student	% Of Total	\$000	\$ Per Student	% Of Total
Tuition Fees ¹	13,248	499	16.2	14,482	499	15.2	14,449	505	13.7
Federal Government ²	144	5	0.2	90	3	0.1	57	2	0.0
Provincial Government: Regular Grant	64,744	2,436	79.0	76,223	2,629	79.9	89,477	3,125	84.6
Transitional Grant	1,595	60	1.9	—	—	—	—	—	—
Supplementary Grant	—	—	—	2,023	70	2.1	—	—	—
Total Provincial Grant	66,339	2,496	80.9	78,246	2,699	82.0	89,477	3,125	84.6
Other Revenues	2,188	82	2.7	2,541	88	2.7	1,776	62	1.7
Total Revenues	81,919	3,082	100.0	95,359	3,289	100.0	105,759	3,694	100.0

NOTES: 1. This includes fees for the regular session, evening credit program and summer session.

2. See note 1 in the section 7 (Decade Review) table – Alberta University System Operational Data 1961-62 to 1971-72.

5. Finance — Capital (From Tables 3 - 5)

Summary space and financial statistics from the capital area are set out below. The space figures show that the severe shortage incurred during the years of rapidly mounting enrolments has generally been overcome with the result that new projects for the next year may be restricted.

(a) Non-Residential Building Space

	1969-70	1970-71	1971-72
GROSS SQUARE FEET			
Total (000)	5,770	6,857	7,872
Per Full-Time Student	217	237	275
NET SQUARE FEET			
Total (000)	3,464	4,047	4,552
Per Full-Time Student	130	139	159

(b) Sources of Funds for Expenditures

	1969-70		1970-71		1971-72	
	\$000	% Of Total	\$000	% Of Total	\$000	% Of Total
Provincial Government Grants ⁽¹⁾	28,652	78.4	45,440	85.4	44,344	76.6
Donations	159	0.4	26	0.0	4,450	7.7
Current Revenue ⁽²⁾	2,680	7.3	2,863	5.4	2,813	4.9
Loans, Reserves, and other	5,083	13.9	4,889	9.2	6,256	10.8
Total Expenditures	36,574	100.0	53,218	100.0	57,863	100.0

NOTES: (1) The Provincial Government grants include both the regular grant and matching grants (i.e., those grants provided to match capital donations received by the universities and the Banff School).

(2) Library books are the major item purchased out of current revenues and then capitalized. The expenditures for library books for the three years were: 1969-70, \$2,616,000; 1970-71, \$2,809,000; 1971-72, \$2,735,000.

(c) Book Value of Fixed Assets as at March 31

	\$000
1970	285,093
1971	342,835
1972	400,569

6. Miscellaneous

Several other areas of university operations in 1971-72 should be mentioned:

- (a) The amounts received as research grants (Table 7) again showed an increase over the previous year although the rate of increase was somewhat less than it had been in the previous year. The Federal Government departments and agencies continued to be the largest contributor, providing almost four-fifths of the total grants. The research grants received from outside sources do not become a part of the regular operating budgets of the universities. The total research grants are shown below:

1969-70	-----	\$11,071,000
1970-71	-----	11,789,000
1971-72	-----	12,420,000

- (b) The total student aid provided from operating revenues (Table 9) declined in 1971-72, as can be seen from the following data. The "Services Performed" payments are primarily to graduate assistants. The decline in this area may be a reflection of the drop in graduate enrolments.

	1969-70	1970-71	1971-72
Grants	\$1,590,000	\$1,707,000	\$1,739,000
Services Performed	5,639,000	6,470,000	6,042,000
TOTAL Financial Assistance	\$7,229,000	\$8,177,000	\$7,781,000

- (c) The number of regular session courses offered by the universities continued to increase while there was a drop in the summer session and evening credit offerings (Table 17), as shown below. The latter drop was due mainly to the University of Alberta integrating its on campus evening courses into the regular session (off campus courses still are classed as evening credit). Most of what used to be called evening credit thus became part of the regular session.

	1969-70	1970-71	1971-72
Regular Session	2,832	3,208	3,445
Summer Session	358	409	373
Evening Credit	167	171	103

- (d) The number of volumes in the various university libraries continued to increase as shown in Table 21.

7. Decade Review

The following two tables summarize some major aspects of the remarkable expansion of university operations in Alberta during the last ten years. It should be noted that the operational data table includes eleven years of data, making it possible to calculate a ten year growth rate. The degree table, on the other hand, includes only ten years of data to enable ten year totals to be shown.

ALBERTA UNIVERSITY SYSTEM OPERATIONAL DATA 1961-62 TO 1971-72

SOURCES OF OPERATING INCOME (\$000)

Academic Year	Full-Time Students	Part-Time Students	Fees	Provincial Grant	Federal Grant ¹	Other Revenues ²	NET Operating Expenditures Per Full-Time Student
1961-62	8,251	5,808	\$ 2,796	\$ 8,000	\$1,947	\$ 25	\$1,535
62-63	9,149	6,165	3,082	9,542	2,682	35	1,650
63-64	10,293	7,134	4,016	11,053	2,716	50	1,742
64-65	11,921	8,350	4,816	15,260	2,750	50	1,867
65-66	13,542	8,612	5,613	18,644	2,748	244	2,099
66-67	15,597	9,647	6,394	25,275	6,769	379	2,434
67-68	18,645	9,893	7,353	43,019	182	1,029	2,757
68-69	22,976	11,868	11,387	55,897	203	1,631	2,799
69-70	26,577	13,706	13,248	66,339	144	2,188	3,097
70-71	28,991	15,438	14,482	78,246	90	2,541	3,320
71-72	28,634	15,974	14,449	89,477	57	1,776	3,669

- NOTES: 1. With the exception of small amounts in support of Vocational Education and Social Welfare programs, 1966-67 was the last year the Federal Government made direct grants to the universities. This is the reason for the large drop in Federal grants between 1966-67 and 1967-68 shown in the above figures. However, beginning in 1967-68, a five year agreement went into effect in which the Federal Government agreed to reimburse the provinces for 50 per cent of the cost of approved expenditures for post-secondary education. The Federal Government is thus still making a significant contribution to the costs of post-secondary education with the money going directly to the provinces rather than to the universities as was the case prior to 1967-68.
2. Beginning in 1965-66 interest was shown as an income item. Prior to that, it had been netted out of the administrative departments expense, i.e., the interest earned was used to reduce expenditures rather than as an income item. This change in accounting explains the jump in other income between 1964-65 and 1965-66. The interest earned figures, in thousands of dollars, for 1961-62 through 1964-65 were: 1961-62, 27; 1962-63, 48; 1963-64, 87; and 1964-65, 158.

DEGREES AWARDED BY ALBERTA UNIVERSITIES 1962-63 TO 1971-72

Academic Year	Bachelors Degrees ¹	Masters Degrees ¹	L.L.B. (Lawyers)	D.D.S. (Dentists)	M.D. (Doctors)	Ph.D. Degrees ¹	TOTAL Degrees
1962-63	1,450	154	35	32	41	33	1,745
63-64	1,711	193	45	39	54	47	2,089
64-65	2,018	199	27	39	58	47	2,388
65-66	2,373	305	40	47	57	77 ²	2,899
66-67	2,855	352	50	53	64	80	3,454
67-68	3,335	371	63	34	78	113	3,994
68-69	3,974	505	55	53	89	138	4,814
69-70	4,516	594	72	42	96	171	5,491
70-71	5,355	686	87	48	101	207	6,484
71-72	5,668	832	112	51	98	223	6,984

TEN-YEAR TOTAL	33,255	4,191	586	438	736	1,136	40,342
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- NOTES: 1. For the types of degrees currently granted, see Table 16.
2. Includes one Ed.D.

TABLE 1

ALBERTA UNIVERSITIES AND THE BANFF SCHOOL OF FINE ARTS:
COMPARATIVE STATEMENT OF OPERATING REVENUES, EXPENDITURES, AND RESERVES
1967-68 TO 1971-72 (CONTRA ACCOUNTS ELIMINATED)

	1967-68	1968-69	1969-70	1970-71	1971-72					TOTAL
					ALBERTA	CALGARY	LETHBRIDGE	ATHABASCA	BANFF(1)	
REVENUES	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000
TUITION	7,353	11,387	13,248	14,482	8,922	4,835	692	-	-	14,449
GOVERNMENT:										
Federal	182	203	144	90	32	25	-	-	-	57
Provincial	43,019	55,897	66,339	78,246	55,527(2)	28,734	4,816	250	150	89,477(3)
TOTAL	43,201	56,100	66,483	78,336	55,559(2)	28,759	4,816	250	150	89,534
OTHER REVENUES	1,029	1,631	2,188	2,541	1,191	544	39	2	-	1,776
TOTAL REVENUES	51,583	69,118	81,919	95,359	65,672(2)	34,138	5,547	252	150	105,759
NET EXPENDITURES(4)	51,408	64,310	82,318	96,241	65,914(5)	33,244	5,309	164	418	105,049
SURPLUS (DEFICIT) FOR THE YEAR(4)	175	4,808	(399)	(890)	(242)(2)	894	237	60(6)	(268)	681
CONTINUING OPERATING SURPLUS (DEFICIT)(4)	718	5,421	5,017	3,895	1,575(2)	2,163	429	64	(216)	4,015

NOTES: (1) The Banff expenditures have been shown net of all revenue except the Provincial grant. This is consistent with the treatment of Banff expenditures in previous Annual Reports.

(2) These figures differ by \$9,000 from those shown in the audited statements of the University of Alberta due to an adjustment, after completion of the audit, in the amount returned by the University to the Provincial Government.
(See also footnote 3 below)

(3) The Federal Government Department of Manpower provides universities with support for certain students in a special Vocational Education program. To prevent double support for these students, the universities remit to the Provincial Government an amount in respect of this Department of Manpower support. In 1971-72, this remittance, all from the University of Alberta as Calgary and Lethbridge did not offer the program, was \$23,214. The Provincial Government 1971-72 operating grant thus amounted to \$89,500,000 - \$23,214 = \$89,476,786.

(4) These figures differ from those in last year's Report due to a revision by the University of Calgary. For an explanation of the revisions, see the notes accompanying the audited financial statements for the year ended March 31, 1972, as found in the University of Calgary's 1971-72 Annual Report.

(5) This figure includes the \$16,000 payment by the University to the Colleges (St. Stephen's and St. Joseph's) and is consistent with the treatment of this item in previous Annual Reports.

(6) Athabasca University transferred \$28,000 of its operating money into capital, leaving an operating surplus for the year of \$60,000.

(SOURCE: 1971-72 Annual Reports of the Universities - Alberta: Statements B and D; Calgary: Statements A, D, G and H; Lethbridge: Statements A and C; Athabasca: Statement of Revenue and Expenditure)

TABLE 2

ALBERTA UNIVERSITIES AND THE BANFF SCHOOL OF FINE ARTS:
COMPARATIVE STATEMENT OF OPERATING EXPENDITURES - BY TYPE OF EXPENDITURE
1967-68 TO 1971-72 (CONTRA ACCOUNTS ELIMINATED)

	1967-68	1968-69	1969-70	1970-71	1971-72					TOTAL
					ALBERTA	CALGARY	LETHBRIDGE	ATHABASCA	BANFF	
	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000
FACULTIES & SCHOOLS	33,128	42,118	54,339(1)	64,438(1)	45,307(2)	22,184	3,011	-	-	70,502
INDIRECT INSTRUCTIONAL	1,868	2,370	3,098	3,495	1,890	915	227(3)	-	-	3,032
LIBRARIES	4,585	5,362	6,772	7,476	4,932	2,467	428	-	-	7,827
PLANT MAINTENANCE	5,835	7,163	8,813	10,093	6,934	3,334	610(4)	13	-	10,891
STUDENT SERVICES	867	1,039	1,114	1,167	821	461	114	-	-	1,396
ADMINISTRATION	2,360	3,282	4,547	5,600	3,027	2,539	594	151	-	6,311
MISCELLANEOUS	1,633	1,915	2,206	2,679	2,307	917	255	-	-	3,479
PUBLIC SERVICE, NET	700	770	992	1,301	832	224	52	-	418(5)	1,526
OPERATING DEPARTMENTS(1)	432	291	437	(8)	(136)	203	18	-	-	85
TOTALS	51,408	64,310	82,318	96,241	65,914	33,244	5,309	164	418	105,049
FULL-TIME STUDENTS	18,645	22,976	26,577	28,991	18,243	9,173	1,218	0	0	28,634
EXPENDITURES PER FULL-TIME STUDENT(1)	2,757	2,799	3,097	3,320	3,613	3,624	4,359	-	-	3,669

NOTES: (1) These figures differ from those in last year's Report due to a revision by the University of Calgary. For an explanation of the revisions, see the notes accompanying the audited financial statements for the year ended March 31, 1972, as found in the University of Calgary's 1971-72 Annual Report.

(2) This figure includes the \$16,000 payment by the University to St. Joseph's and St. Stephen's Colleges.

(3) The University of Lethbridge Annual Report uses the category called learning resources, which includes the library along with instructional media and curriculum laboratory. For the purposes of this Table (and to maintain comparability among institutions), the figure shown for libraries was taken from the Lethbridge Financial Statements for the year ending March 31, 1972. The net expenditures for instructional media and curriculum laboratory have been included in the indirect instructional category.

(4) As in previous Annual Reports, rental of facilities (\$218,000 in 1971-72) is included under plant maintenance.

(5) To be consistent with previous Annual Reports, the Banff net expenditures have been shown under public service.

(SOURCE: 1971-72 Annual Reports of the Universities - Alberta: Statement D and Table 1;
Calgary: Statement H and Table 1;
Lethbridge: Table 1;
Athabasca: Statement of Revenue and Expenditure)

TABLE 3

ALBERTA UNIVERSITIES AND THE BANFF SCHOOL OF FINE ARTS:
TRANSACTIONS ON CAPITAL ACCOUNT — TEN-YEAR COMPARATIVE STATEMENT

YEAR	EXPENDITURES (1)				TOTAL	SOURCES OF FUNDS FOR EXPENDITURES (1)					CURRENT REVENUE
	LAND, BUILDINGS, PLANT & DEVELOPMENT	FURNISHINGS & EQUIPMENT	LIBRARY BOOKS	PROVINCIAL LAB		PROVINCE OF ALBERTA					
						REGULAR GRANT	MATCHING GRANT (2)	TOTAL	DONATED FUNDS (3)		
										LOANS	
1962-63	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	
63-64	9,902	2,482	368	13	12,765	9,618	-	9,618	-	911	
64-65	9,902	3,797	563	22	14,284	9,265	-	9,265	-	2,556	
65-66	12,537	2,917	629	39	16,122	11,318	-	11,318	-	1,599	
66-67	15,249	4,364	842	101	20,556	18,157	-	18,157	-	824	
67-68	29,435	7,182	1,589	40	38,246	35,274	-	35,274	-	1,484	
68-69	44,644	9,902	2,183	51	56,780	45,393	-	45,393	-	3,611	
69-70	27,673	10,547	2,041	64	40,325	34,473	86	34,559	266	1,940	
70-71	24,093	9,805	2,616	60	36,574	28,313	339	28,652	159	3,898	
71-72	40,815	9,537	2,809	57	53,218	45,440	-	45,440	26	3,857	
TEN-YEAR TOTAL	46,057	9,021	2,735	50	57,863	39,985	4,359	44,344	4,450	3,634	
	260,307	69,554	16,375	497	346,733	277,236	4,784	282,020	4,901	18,385	
1971-72 BY UNIVERSITY											
ALBERTA	17,331	5,800	1,468	50	24,649	16,443	1,632	18,075	1,632	3,102	
CALGARY	21,792	2,297	1,072	-	25,161	19,091	2,230	21,321	2,314	454	
LETHBRIDGE	6,470	826	195	-	7,491	4,034	476	4,510	476	10	
ATHABASCA	242 (4)	3	-	-	245	217	-	217	-	-	
BANFF	222	95	-	-	317	200	21	221	28	68	

TABLE 4

BOOK VALUE OF FIXED ASSETS AT ALBERTA UNIVERSITIES AND THE BANFF SCHOOL OF FINE ARTS

AS AT MARCH 31, 1972

	ALBERTA	CALGARY	LETHBRIDGE	ATHABASCA	BANFF	TOTAL
LAND, BUILDINGS, PLANT AND DEVELOPMENT	\$000 173,175 ⁽¹⁾	\$000 108,877	\$000 16,197	\$000 247 ⁽³⁾	\$000 6,121	\$000 304,617
FURNISHINGS AND EQUIPMENT	50,277 ⁽¹⁾	25,121 ⁽²⁾	2,268	11	529	78,206
LIBRARY BOOKS (APPROXIMATE)	10,833	5,955 ⁽²⁾	958	-	-	17,746
TOTALS	234,285	139,953	19,423	258	6,650	400,569

NOTES: (1) Included in these figures are those for the Provincial Laboratory of Public Health amounting to \$2,904,541 for land, buildings and plant and \$573,596 for furnishings and equipment.
(Source: Schedule 5 in the University of Alberta Financial Statements for the year ended March 31, 1972)

(2) These figures correct for an error made in last year's Annual Report. The correct figures as of March 31, 1971, should have been shown as \$22,824,000 for furnishings and equipment and \$4,883,000 for library books, instead of the \$23,224,000 and \$4,483,000 respectively shown in last year's Report.

(3) This figure represents development costs only (expenditures for academic and capital consultants). Athabasca University has no land, buildings or plant assets.

(SOURCE: 1971-72 Annual Reports of the Universities - Alberta: Tables 2B and 3;
Calgary: Statement G and Tables 2(a) and 3;
Lethbridge: Tables 2A and 3;
Athabasca: Text Material)

TABLE 5
PHYSICAL FACILITIES AT ALBERTA UNIVERSITIES

	1971-72					1970-71
	ALBERTA	CALGARY	LETHBRIDGE	ATHABASCA	TOTAL	TOTAL(1)
A. AMOUNT OF BUILDING SPACE						
1. NET ASSIGNABLE:						
(a) <u>Square Feet (000)</u>						
(i) Non-residential						
Owned	3,032	1,241	153	-	4,426	3,890
Rented	23	33	68(2)	2	126	157
TOTAL Non-residential	3,055	1,274	221	2	4,552	4,047
(ii) Residential & Other	751	578	24	-	1,353	1,335
TOTAL Net Square Feet	3,806	1,852	245	2	5,905	5,382
(b) <u>Square Feet Per Full-Time Student</u>						
(i) Non-residential						
Owned	166	135	125	-	155	134
Rented	1	4	56	-	4	5
TOTAL Non-residential	167	139	181	-	159	139
(ii) Residential & Other	41	63	20	-	47	46
TOTAL Net Square Feet Per Student	208	202	201	-	206	185
2. GROSS SPACE:						
(a) <u>Square Feet (000)</u>						
(i) Non-residential						
Owned	5,258	2,187	251	-	7,696	6,645
Rented	31	34	109(2)	2	176	212
TOTAL Non-residential	5,289	2,221	360	2	7,872	6,857
(ii) Residential & Other	1,268	778	39	-	2,085	2,011
TOTAL Gross Square Feet	6,557	2,999	399	2	9,957	8,868
(b) <u>Square Feet Per Full-Time Student</u>						
(i) Non-residential						
Owned	288	238	206	-	269	230
Rented	2	4	89	-	6	7
TOTAL Non-residential	290	242	295	-	275	237
(ii) Residential & Other	69	85	32	-	73	69
TOTAL Gross Square Feet Per Student	359	327	327	-	348	306
B. UNIVERSITY ACREAGE						
DEVELOPED ACRES ON CAMPUS	188	274	35	-	497	442
UNDEVELOPED ACRES ON CAMPUS	-	39	416	-(3)	455	511
OWNED ACREAGE OFF CAMPUS	1,206(4)	157	-	-	1,363	1,206(4)
LEASED OR RESERVED ACREAGE OFF CAMPUS	6,635	135	12	-	6,782	6,649
TOTAL ACREAGE	8,029	605	463	-	9,097	8,808
C. AUTOMOBILE REGISTRATIONS ON CAMPUS						
FACULTY	1,009	977	184	-	2,170	1,716
STAFF	1,917	1,147	151	-	3,215	2,764
STUDENTS	3,095	3,258	971	-	7,324	9,596
TOTAL AUTOMOBILE REGISTRATIONS	6,021	5,382	1,306	-	12,709	14,076

- NOTES: (1) Where the figures in this column differ from those in last year's Annual Report, it is due to a revision made by the University of Alberta.
- (2) The Lethbridge figures exclude space jointly used with Lethbridge Community College.
- (3) This Table excludes the 512 acre site north of Edmonton which is held by the Department of Public Works, and which has never been transferred to Athabasca University.
- (4) This includes approximately 700 acres (University Farm and Michener Park) located 1 - 2 miles from the Alberta campus.

(SOURCE: Table 4 in the 1971-72 Annual Reports of the Universities)

TABLE 6

STATEMENT OF TRANSACTIONS IN TRUST FUNDS AT ALBERTA UNIVERSITIES AND THE BANFF SCHOOL OF FINE ARTS
1970-71 AND 1971-72

	1970-71					1971-72					BALANCE AS AT MARCH 31, 1973				
	NEW CON- TRIBU- TIONS	INTER- EST (1) AND DIVI- DENDS	REALIZED GAINS (LOSSES) ON INVESTMENT SALES	INTER- TRUST TRANS- FERS	EXPEND- ITURES	NEW CON- TRIBU- TIONS	INTER- EST (1) AND DIVI- DENDS	REALIZED GAINS (LOSSES) ON INVESTMENT SALES	INTER- TRUST TRANS- FERS	EXPEND- ITURES	ALBERTA	CALGARY	LETH.	BANFF	TOTAL
GENERAL ENDOWMENTS	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000
Killam Estate	512	1,097	(1,499)	32	1,197	265	628	1,071	57	716	14,821	760	-	-	15,581
Rockefeller Foundation	-	25	-	(25)	-	-	25	-	(25)	-	500	-	-	-	500
Davies Estate	-	13	-	(13)	-	42	13	-	(13)	-	-	179	-	-	179
SCHOLARSHIPS															
Escheated Estates	73	5	-	-	48	85	3	-	(5)	40	131	82	1	-	214
General	1,299	55	-	13	1,173	1,107	63	-	(26)	1,156	1,395	41	24	24	1,484
RESEARCH	11,788	31	-	23	11,296	12,420	33	-	(98)	12,777	3,958	1,229	95	-	5,282
FACULTIES & DEPTS.	380	33	-	(10)	316	510	38	-	(12)	377	968	-	-	-	968
GRANTS & LOANS (2)	30	5	-	1	15	7	6	-	10	3	180	39	-	2	221
GENERAL PURPOSE (3)	1,513	610	(587)	(16)	1,452	1,860	368	911	118	2,198	2,970	942	-	80	3,992
ACADEMIC PENSION PLAN	3,545	528	(648)	-	463	4,332	774	388	-	591	16,359	-	-	-	16,359
STUDENTS' UNION	1,337	7	-	-	1,795	1,364	5	-	-	1,457	221	-	-	-	221
HELD ON BEHALF OF OTHERS	694	5	-	(5)	576	835	5	-	(6)	763	164	241	9	1	415
TOTALS	21,171	2,414	(2,734)	-	18,331	22,827	1,961	2,370	-	20,078	41,667	3,513	129	107	45,416

NOTES: (1) The University of Calgary shows the major portion of its interest earned under the general purpose account.

(2) The grants and loans figures exclude the granting and repayment of loans, which were as follows:

	1970-71	1971-72
	\$000	\$000
Loans Granted	245	293
Loans Repaid	236	278

(3) The unallocated interest, dividends and capital gains and losses at the University of Alberta have been included in this category.

(SOURCE: Table 5 in the 1971-72 Annual Reports of the Universities)

TABLE 7
RESEARCH GRANTS RECEIVED BY ALBERTA UNIVERSITIES - BY DONOR
1970-71 AND 1971-72

DONOR	1971-72				1970-71
	ALBERTA	CALGARY	LETHBRIDGE	TOTAL	TOTAL
	\$000	\$000	\$000	\$000	\$000
<u>FEDERAL GOVERNMENT DEPARTMENTS & AGENCIES:</u>					
NATIONAL RESEARCH COUNCIL	4,296	1,924	73	6,293	5,922
MEDICAL RESEARCH COUNCIL	1,638	493	-	2,131	2,040
CANADA COUNCIL	206	149	5	360	383
DEFENCE RESEARCH BOARD	113	110	-	223	241
INDIAN AFFAIRS AND NORTHERN DEVELOPMENT	146	47	1	194	73
HEALTH AND WELFARE	108	53	-	161	58
ENERGY, MINES AND RESOURCES	134	-	-	134	84
AGRICULTURE	72	-	4	76	82
OTHER	65	103	69	237	163
SUB-TOTAL	6,778	2,879	152	9,809	9,046
<u>PROVINCIAL GOVERNMENT DEPARTMENTS & AGENCIES:</u>					
AGRICULTURE	178	-	-	178	277
HEALTH	165	18	-	183	253
HUMAN RESOURCES RESEARCH COUNCIL	86	-	25	111	259
RESEARCH COUNCIL OF ALBERTA	-	36	-	36	46
ATTORNEY-GENERAL	26	-	-	26	27
OTHER	36	3	-	39	15
SUB-TOTAL	491	57	25	573	877
<u>MUNICIPALITIES, SCHOOLS & COUNTIES</u>	-	-	-	-	11
<u>UNITED STATES GOVERNMENT</u>	6	3	-	9	35
<u>ASSOCIATIONS, FOUNDATIONS, INSTITUTES, ETC.:</u>					
NATIONAL CANCER INSTITUTE	400	-	-	400	349
ALBERTA HEART FOUNDATION	97	26	-	123	307
TRI-UNIVERSITY MESON FACILITY	167	-	-	167	50
OTHER	517	101	40	658	377
SUB-TOTAL	1,181	127	40	1,348	1,083
<u>BUSINESS AND INDUSTRY:</u>					
CANADA	130	48	-	178	280
UNITED STATES	103	8	-	111	21
SUB-TOTAL	233	56	-	289	301
<u>UNIVERSITY OPERATING BUDGET</u>	230	27	16	273	393
<u>OTHER</u>	102	17	-	119	43
TOTALS	9,021	3,166	233	12,420	11,789

(SOURCE: Table 6 in the 1971-72 Annual Reports of the Universities)

TABLE 8

TUITION FEES AND OTHER STUDENT CHARGES AT ALBERTA UNIVERSITIES: 1971-72

	ALBERTA	CALGARY	LETHBRIDGE
	\$	\$	\$
I. FULL-TIME STUDENTS⁽¹⁾			
A. UNDERGRADUATE PROGRAMS:			
1. General Fees:			
(a) Students' Union	30.50 ⁽²⁾	32.50	14.00
(b) Athletic Board	8.00	12.00	-
2. Instructional Fees by Program:			
(a) All Faculties and Schools Except as Noted Below	400.00	400.00	200.00
(b) Engineering	500.00	500.00	-
(c) Dentistry, Medicine (M.D. Program Only)	600.00	800.00 ⁽³⁾	-
(d) B.Sc. in Medical Lab Science (3rd Year Only)	200.00	-	-
(e) Nursing (Course in Advanced Obstetrics)	150.00	-	-
B. GRADUATE PROGRAMS:			
1. General Fees:			
(a) Registration	10.00	10.00	-
(b) Graduate Students' Association	2.00	6.00	-
(c) Students' Union ⁽⁴⁾	10.00	6.00	-
(d) Athletic Board	8.00	7.00 ⁽⁵⁾	-
2. Instructional Fees:			
(Total Fee for Minimum Program Period)			
(a) Ph.D. or Ed.D. (2 Years after Masters)	1,000.00	1,000.00	-
(b) Ph.D. or Ed.D. (3 Years after Honors Bachelors)	1,500.00	1,500.00	-
(c) Masters (1 Year after 4 Years Bachelors)	500.00	500.00	-
(d) Masters (2 Years after 3 Years Bachelors)	1,000.00	1,000.00	-
(e) Master of Social Welfare	-	1,000.00	-
(f) Master of Education	750.00	750.00	-
(g) Subsequent Years for all Doctoral and Masters Candidates	40.00	60.00	-
II. PART-TIME STUDENTS⁽⁶⁾			
A. UNDERGRADUATE PROGRAMS:			
1. General Fees:			
(a) Winter Session Day Students			
(i) Students' Union	6.00	- ⁽⁷⁾	-
(b) Winter Session Evening Credit	-	-	-
(c) Summer Session			
(i) Students' Union	6.00	4.50	-
2. Instructional Fees Per Course ⁽⁸⁾ For Part-Time Undergraduates:			
(a) All Faculties and Schools Except as Noted Below	135.00	135.00	65.00
(b) Engineering	170.00	170.00	-
(c) Dentistry, Medicine (M.D. Program Only)	200.00	200.00	-
B. GRADUATE PROGRAMS:			
1. General Fees:			
(a) Winter Session Day Students			
(i) Registration	10.00	10.00	-
(ii) Students' Union	6.00	-	-
(b) Winter Session Evening Credit			
(i) Registration	10.00	10.00	-
(c) Summer Session			
(i) Registration	10.00	10.00	-
(ii) Students' Union	6.00	-	-
2. Instructional Fees Per Course For All Part-Time Graduates:	170.00	170.00	-

TABLE 8 CONTINUED

- NOTES: (1) With the exception of section B2 (where fees are shown on a minimum program basis), the fees at Alberta and Calgary are per session (i.e., per year) while those at Lethbridge are per semester.
- (2) For students in Dentistry, Law, Medicine, B.Ed. after previous degree and Diploma in Education at the University of Alberta, the Students' Union fee is \$23.00.
- (3) This is the fee for Medicine only as the University of Calgary does not have a program in Dentistry. The higher Medicine fee, when compared to Alberta, reflects the fact that the program at Calgary is three years in length whereas Alberta's is four years.
- (4) These are the minimum fees. A full membership in the Students' Union costs a graduate student \$23.00 at Alberta and \$32.50 at Calgary.
- (5) The Athletic Board fee at Calgary is optional.
- (6) Optional fees have been excluded.
- (7) There is no Students' Union fee if a student takes one course, a \$9.00 fee if he takes two courses, and a \$32.50 fee if he takes three courses.
- (8) Alberta and Calgary fees are for a full-year course; Lethbridge fees for a semester course. The Alberta and Calgary fee for an undergraduate half-course is \$67.50 for all faculties except Engineering (\$85.00) and Dentistry and Medicine (\$100.00).

(SOURCE: Table 7 in the 1971-72 Annual Reports of the Universities)

TABLE 9

STUDENT AID PROVIDED BY ALBERTA UNIVERSITIES (1)

Alberta Universities include sums in their operating budgets to provide aid to students registered at the Universities. Such aid may be in the form of either (1) grants, or (2) payments for services performed.

TYPE OF STUDENT AID	1971-72			1970-71 TOTAL
	ALBERTA	CALGARY	LETHBRIDGE	
	\$000	\$000	\$000	\$000
GRANTS - SCHOLARSHIPS, BURSARIES, REMISSION OF FEES, ETC. (2)	1,239	500	-	1,739
PAYMENTS FOR SERVICES PERFORMED:				
1. TO GRADUATE TEACHING ASSISTANTS	2,776	1,215	-	3,991
2. TO GRADUATE RESEARCH & GRADUATE SERVICE ASSISTANTS	817	277	-	1,094
3. OTHER	676	165	116	957
TOTAL FOR SERVICES PERFORMED	4,269	1,657	116	6,042
TOTAL FINANCIAL ASSISTANCE	5,508	2,157	116	7,781
				8,177

- NOTES: (1) In addition to the amount shown in this Table, other scholarships, bursaries, grants, prizes and awards are provided from special university trust funds.
- (2) Another, and very major, source of student aid in Alberta is provided under The Student Finance Act. Since this is administered directly by the Department of Advanced Education, the aid provided under this Act does not show up in the Universities' operating budgets and thus is excluded from this Table.

(SOURCE: Table 8 in the 1971-72 Annual Reports of the Universities)

TABLE 10

ALBERTA UNIVERSITIES FULL-TIME (1) ENROLMENT: WINTER SESSION, 1971-72

	1st YEAR	2nd YEAR	3rd YEAR	4th YEAR	OTHER INCL. PROF. YEARS	TOTAL		TOTAL 1971-72	TOTAL 1970-71
						MALE	FEMALE		
A. UNDERGRADUATE STUDENTS									
AGRICULTURE	168	174	78	77	-	422	75	497	445
ARTS (2)	911	1,479	1,488	231	44	2,268	1,885	4,153	4,631
SCIENCE	1,215	1,479	1,190	328	43	3,300	951	4,251	3,967
ARTS (2) & SCIENCE (UNSPECIFIED) (3)	1,559	214	232	56	13	1,390	684	2,074	2,160
FINE ARTS (CALGARY)	111	105	90	38	-	157	187	344	334
BUSINESS ADMINISTRATION & COMMERCE	657	554	433	365	-	1,841	168	2,009	1,789
COLLEGE SAINT-JEAN	70	38	20	1	-	60	69	129	88
DENTAL HYGIENE	27	25	-	-	-	-	52	52	50
DENTISTRY	-	-	-	-	192	182	10	192	197
EDUCATION (4)	1,197	1,545	1,785	1,175	799	2,378	4,123	6,501	6,974
ENGINEERING	502	525	427	385	-	1,821	18	1,839	2,034
ENVIRONMENTAL DESIGN	-	-	-	-	5	5	-	5	-
HOUSEHOLD ECONOMICS	113	87	105	-	-	-	305	305	337
LAW	-	-	-	-	420	366	54	420	366
LIBRARY SCIENCE	-	-	-	-	58	12	46	58	44
MEDICINE	-	-	-	-	778	664	114	778	667
MEDICAL LAB SCIENCE	28	27	21	15	-	2	89	91	88
NURSING (5)	81	86	31	28	123	7	342	349	293
PHARMACY	95	111	70	73	-	152	197	349	315
PHYSICAL EDUCATION	271	296	285	117	-	583	386	969	979
REHABILITATION MEDICINE	84	79	72	12	2	18	231	249	215
SOCIAL WELFARE	65	44	1	-	-	30	80	110	-
TOTAL UNDERGRADUATE	7,154	6,864	6,328	2,901	2,477	15,658	10,066	25,724	25,983
B. GRADUATE STUDENTS									
MASTERS LEVEL						1,319	484	1,803	1,888
DOCTORAL LEVEL						959	148	1,107	1,120
TOTAL GRADUATES						2,278	632	2,910	3,008
C. TOTAL FULL-TIME STUDENTS	7,154	6,864	6,328	2,901	2,477	17,936	10,698	28,634	
D. TOTAL 1970-71	7,735	7,099	6,301	2,562	2,286	18,049	10,942		28,991

NOTES: (1) A full-time student is defined as one who: (a) is enrolled as of December 1 in the year in question and (b) has been assessed full-time instruction fees (if an undergraduate student) or is taking courses and/or research equivalent to not less than three full graduate courses (if a graduate student).

(2) Fine Arts students at Alberta and Lethbridge are included under Arts.

(3) The Lethbridge Arts and Science students are included in this category as well as the unspecified Arts and Science students at Calgary (found in first year only).

(4) B.Ed. after previous degree and Diploma in Education students are included in the OTHER column.

(5) Students taking the Post-Basic Program in Nursing are shown in the OTHER column.

(SOURCE: Table 9 in the 1971-72 Annual Reports of the Universities)

TABLE 11

ALBERTA UNIVERSITIES: PART-TIME ENROLMENT: 1971-72

PROGRAM	UNDERGRADUATE STUDENTS		GRADUATE STUDENTS			TOTAL		TOTAL 1971-72	TOTAL 1970-71
	DAY (1)	EVENING	SUMMER	DAY	EVENING	SUMMER	MALE	FEEMALE	
AGRICULTURE	11	3	13	18	-	4	40	9	51
ARTS(2)	688	258	930	308	-	54	1,121	1,117	2,238
SCIENCE	375	112	502	174	-	25	892	296	1,188
ARTS(2) & SCIENCE (UNSPECIFIED)(3)	210	132	310	-	-	-	326	326	652
FINE ARTS (CALGARY)	60	13	65	-	-	-	43	95	138
BUSINESS ADMINISTRATION & COMMERCE	163	90	198	56	-	2	464	45	509
COLLEGE SAINT-JEAN	47	-	2	-	-	-	5	44	49
DENTAL HYGIENE	-	-	-	-	-	-	-	-	1
DENTISTRY	-	-	1	1	-	1	3	-	6
EDUCATION	2,275	1,411	5,503	376	3	383	3,825	6,126	9,951
ENGINEERING	124	28	54	82	-	4	286	6	292
ENVIRONMENTAL DESIGN	5	-	-	-	-	-	4	1	5
HOUSEHOLD ECONOMICS	24	20	43	5	-	-	3	89	92
LAW	-	-	-	6	-	-	5	1	6
LIBRARY SCIENCE	10	-	-	-	-	-	-	10	10
MEDICINE	2	-	2	24	-	4	23	9	32
MEDICAL LAB SCIENCE	5	-	1	-	-	-	1	5	6
NURSING	324	49	78	-	-	-	6	445	451
PHARMACY	6	-	7	1	-	-	8	6	14
PHYSICAL EDUCATION	30	9	102	20	-	16	110	67	177
REHABILITATION MEDICINE	17	1	10	-	-	-	5	23	28
SOCIAL WELFARE	8	54	-	22	-	-	37	47	84
TOTAL 1971-72	4,384	2,180	7,821	1,093	3	493	7,207	8,767	15,974
TOTAL 1970-71	2,249	3,977	7,606	936	68	602	7,193	8,245	15,438

NOTES: (1) Lethbridge does not differentiate part-time evening from part-time day students. Thus, the part-time winter session students at Lethbridge are all included under the DAY column. It should also be noted that the figures exclude spring semester enrolments at the University of Lethbridge.

(2) Fine Arts students at Alberta and Lethbridge are included under Arts.

(3) The Lethbridge Arts and Science students are included in this category.

(SOURCE: Table 10 in the 1971-72 Annual Reports of the Universities)

TABLE 12

ALBERTA UNIVERSITIES: 1971-72 ENROLMENT OF FULL-TIME (1) STUDENTS - BY UNIVERSITY, LEVEL OF STUDY, FACULTY & SCHOOL

FACULTY OR SCHOOL	UNDERGRADUATE STUDENTS				GRADUATE STUDENTS				TOTAL ENROLMENT, 1971-72				TOTAL 1970-71
	ALBERTA	CALGARY	LETHBRIDGE	TOTAL	ALBERTA	CALGARY	LETHBRIDGE	TOTAL	ALBERTA	CALGARY	LETHBRIDGE	TOTAL	
AGRICULTURE	469	28	-	497	117	-	-	117	586	28	-	614	570
ARTS(2)	2,841	1,312	-	4,153	542	164	-	706	3,383	1,476	-	4,859	5,384
SCIENCE	3,001	1,250	-	4,251	622	318	-	940	3,623	1,568	-	5,191	4,913
ARTS(2) & SCIENCE (UNSPECIFIED)	-	1,289	785	2,074	-	-	-	-	-	1,289	785	2,074	2,160
FINE ARTS (CALGARY)	-	344	-	344	-	5	-	5	-	349	-	349	337
BUSINESS ADMINISTRATION & COMMERCE	1,293	716	-	2,009	79	-	-	79	1,372	716	-	2,088	1,866
COLLEGE SAINT-JEAN	129	-	-	129	-	-	-	-	129	-	-	129	88
DENTAL HYGIENE	52	-	-	52	-	-	-	-	52	-	-	52	50
DENTISTRY	192	-	-	192	3	-	-	3	195	-	-	195	201
EDUCATION(3)	3,972	2,096	433	6,501	320	136	-	456	4,292	2,232	433	6,957	7,477
ENGINEERING	1,238	601	-	1,839	197	122	-	319	1,435	723	-	2,158	2,370
ENVIRONMENTAL DESIGN	-	5	-	5	-	-	-	-	-	5	-	5	-
HOUSEHOLD ECONOMICS	294	11	-	305	12	-	-	12	306	11	-	317	344
LAW	420	-	-	420	7	-	-	7	427	-	-	427	375
LIBRARY SCIENCE	58	-	-	58	-	-	-	-	58	-	-	58	44
MEDICINE	655	123	-	778	113	9	-	122	768	132	-	900	796
MEDICAL LAB SCIENCE	91	-	-	91	-	-	-	-	91	-	-	91	88
NURSING	268	81	-	349	-	-	-	-	268	81	-	349	293
PHARMACY	326	23	-	349	22	-	-	22	348	23	-	371	336
PHYSICAL EDUCATION	604	365	-	969	57	-	-	57	661	365	-	1,026	1,037
REHABILITATION MEDICINE	249	-	-	249	-	-	-	-	249	-	-	249	215
SOCIAL WELFARE	-	110	-	110	-	65	-	65	-	175	-	175	57
TOTAL 1971-72	16,152	8,354	1,218	25,724	2,091	819	-	2,910	18,243	9,173	1,218	28,634	
TOTAL 1970-71	16,187	8,387	1,409	25,983	2,158	860	-	3,008	18,345	9,237	1,409	28,991	

NOTES: (1) For the definition of a full-time student see note 1, Table 10.

(2) Fine Arts students at Alberta and Lethbridge are included under Arts.

(3) Diploma in Education students have been classified as undergraduates.

(SOURCE: 1971-72 Annual Reports of the Universities - Alberta and Calgary: Table 13; Lethbridge: Table 11)

TABLE 13

ENROLMENT AT ALBERTA UNIVERSITIES: 1961-62 to 1971-72
BY UNIVERSITY AND BY LEVEL OF STUDY

	ALBERTA			CALGARY			LETHBRIDGE (3)		TOTAL		
	UNDERGRAD	GRADUATE	TOTAL	UNDERGRAD	GRADUATE	TOTAL	UNDERGRAD		UNDERGRAD	GRADUATE	TOTAL
A. <u>FULL-TIME STUDENTS (1)</u>											
1961-62	6,198	610	6,808	1,432	11	1,443	-		7,630	621	8,251
62-63	6,791	626	7,417	1,714	18	1,732	-		8,505	644	9,149
63-64	7,451	734	8,185	2,048	60	2,108	-		9,499	794	10,293
64-65	8,394	940	9,334	2,471	116	2,587	-		10,865	1,056	11,921
65-66	9,149	1,125	10,274	3,070	198	3,268	-		12,219	1,323	13,542
66-67	10,207	1,282	11,489	3,774	334	4,108	-		13,981	1,616	15,597
67-68	11,478	1,549	13,027	4,521	459	4,980	638		16,637	2,008	18,645
68-69	13,383	1,799	15,182	6,142	628	6,770	1,024		20,549	2,427	22,976
69-70	15,266	2,088	17,354	7,172	790	7,962	1,261		23,699	2,878	26,577
70-71	16,187	2,158	18,345	8,387	850	9,237	1,409		25,983	3,008	28,991
71-72	16,152	2,091	18,243	8,354	819	9,173	1,218		25,724	2,910	28,634
B. <u>PART-TIME STUDENTS (2)</u>											
1961-62	4,330	212	4,542	1,266	-	1,266	-		5,596	212	5,808
62-63	4,161	265	4,426	1,699	40	1,739	-		5,860	305	6,165
63-64	4,747	330	5,077	2,040	17	2,057	-		6,787	347	7,134
64-65	5,184	482	5,666	2,684	39	2,684	-		7,829	521	8,350
65-66	5,298	521	5,819	2,675	118	2,793	-		7,973	639	8,612
66-67	5,827	627	6,454	3,070	123	3,193	-		8,897	750	9,647
67-68	5,438	719	6,157	3,167	238	3,405	331		8,936	957	9,893
68-69	6,106	794	6,900	3,864	378	4,242	726		10,696	1,172	11,868
69-70	6,586	853	7,439	4,842	411	5,253	1,014		12,442	1,264	13,706
70-71	7,416	1,090	8,506	5,236	516	5,752	1,180		13,832	1,606	15,438
71-72	7,394	1,112	8,506	5,808	477	6,285	1,183		14,385	1,589	15,974

NOTES: (1) For the definition of a full-time student see note 1, Table 10.

(2) Part-time students include evening credit and summer session students as well as part-time day students.

(3) The Lethbridge figures exclude spring semester enrolments.

(SOURCE: 1971-72 Annual Reports of the Universities - Alberta and Calgary: Table 12; Lethbridge: Table 10 and 11)

TABLE 14

FULL-TIME ⁽¹⁾ ENROLMENT AT ALBERTA UNIVERSITIES:

BY LEVEL OF STUDY AND BY FACULTY OR SCHOOL 1969-70, 1970-71, 1971-72

FACULTY OR SCHOOL	UNDERGRADUATE STUDENTS			GRADUATE STUDENTS			TOTAL		
	1969-70	1970-71	1971-72	1969-70	1970-71	1971-72	1969-70	1970-71	1971-72
AGRICULTURE	407	445	497	124	125	117	531	570	614
ARTS(2)	5,035	4,631	4,153	702	753	706	5,737	5,384	4,859
SCIENCE	3,817	3,967	4,251	914	946	940	4,731	4,913	5,191
ARTS(2) & SCIENCE (UNSPECIFIED)(3)	774	2,160	2,074	-	-	-	774	2,160	2,074
FINE ARTS (CALGARY)	220	334	344	3	3	5	223	337	349
BUSINESS ADMINISTRATION & COMMERCE	1,632	1,799	2,009	61	57	79	1,693	1,856	2,088
COLLEGE SAINT-JEAN	-	88	129	-	-	-	-	88	129
DENTAL HYGIENE	46	50	52	-	-	-	46	50	52
DENTISTRY	193	197	192	4	4	3	197	201	195
EDUCATION(4)	6,588	6,974	6,501	489	503	456	7,077	7,477	6,957
ENGINEERING	1,955	2,034	1,839	326	336	319	2,281	2,370	2,158
ENVIRONMENTAL DESIGN	-	-	5	-	-	-	-	-	5
HOUSEHOLD ECONOMICS	350	337	305	3	7	12	353	344	317
LAW	307	366	420	3	9	7	310	375	427
LIBRARY SCIENCE	40	44	58	-	-	-	40	44	58
MEDICINE(5)	611	667	778	109	129	122	720	796	900
MEDICAL LAB SCIENCE	84	88	91	-	-	-	84	88	91
NURSING	354	293	349	-	-	-	354	293	349
PHARMACY	280	315	349	27	21	22	307	336	371
PHYSICAL EDUCATION	833	979	969	64	58	57	897	1,037	1,026
REHABILITATION MEDICINE	173	215	249	-	-	-	173	215	249
SOCIAL WELFARE	-	-	110	49	57	65	49	57	175
TOTAL	23,699	25,983	25,724	2,878	3,008	2,910	26,577	28,991	28,634

NOTES: (1) For the definition of a full-time student see note 1, Table 10.

(2) Fine Arts students at Alberta and Lethbridge are included under Arts.

(3) The Lethbridge Arts and Science students are included in this category. Beginning in 1970-71, most of the first year Arts and Science students at Calgary were not categorized into either Arts or Science. This accounts for the large increase in the Arts and Science Unspecified category between 1969-70 and 1970-71.

(4) Diploma in Education students are classified as undergraduates.

(5) Beginning in 1969-70, students in post-graduate medical education (i.e., residents) have been included in the Medicine figures.

(SOURCE: 1971-72 Annual Reports of the Universities - Alberta and Calgary: Table 13; Lethbridge: Table 11)

TABLE 15

ENROLMENT OF FULL-TIME STUDENTS AT ALBERTA UNIVERSITIES BY HOME ADDRESS: 1970-71 AND 1971-72

HOME ADDRESS OF STUDENTS	1971-72								1970-71	
	FRESHMEN ⁽¹⁾		OTHER UNDERGRADUATES		GRADUATE STUDENTS		TOTAL		TOTAL	
	NUMBER	% OF TOTAL	NUMBER	% OF TOTAL	NUMBER	% OF TOTAL	NUMBER	% OF TOTAL	NUMBER	% OF TOTAL
A. <u>ALBERTA</u> <u>[BY CENSUS DIVISION⁽²⁾]</u>										
1. MEDICINE HAT	59	1.0	297	1.5	5	0.2	361	1.3	413	1.4
2. LETHBRIDGE	332	5.5	1,066	5.4	43	1.5	1,441	5.0	1,601	5.5
3. CARDSTON	93	1.5	215	1.1	10	0.3	318	1.1	349	1.2
4. HANNA	42	0.7	50	0.3	1	0.0	93	0.3	108	0.4
5. DRUMHELLER	45	0.7	224	1.1	6	0.2	275	1.0	296	1.0
6. CALGARY	1,629	26.8	5,671	28.9	518	17.8	7,818	27.3	7,812	27.0
7. WAINWRIGHT	52	0.8	215	1.1	5	0.2	272	0.9	298	1.0
8. RED DEER	107	1.8	534	2.7	23	0.8	664	2.3	676	2.4
9. MOUNTAIN	41	0.7	112	0.6	6	0.2	159	0.6	185	0.6
10. CAMROSE	151	2.5	595	3.0	13	0.5	759	2.6	844	2.9
11. EDMONTON	2,678	44.1	8,089	41.1	1,365	46.9	12,132	42.4	12,023	41.5
12. BONNYVILLE	103	1.7	234	1.2	11	0.4	348	1.2	377	1.3
13. ATHABASCA	88	1.5	233	1.2	9	0.3	330	1.2	353	1.2
14. EDSON	37	0.6	112	0.6	2	0.1	151	0.5	154	0.5
15. PEACE RIVER	79	1.3	376	1.9	7	0.2	462	1.6	515	1.8
TOTAL ALBERTA	5,536	91.2	18,023	91.7	2,024	69.6	25,583	89.3	26,004	89.7
B. <u>OTHER PARTS OF CANADA</u>										
1. OTHER WESTERN PROVINCES ⁽³⁾	231	3.8	804	4.1	137	4.7	1,172	4.1	1,195	4.1
2. EASTERN CANADA	79	1.3	292	1.5	206	7.1	577	2.0	582	2.0
TOTAL OTHER PROVINCES	310	5.1	1,096	5.6	343	11.8	1,749	6.1	1,777	6.1
C. <u>TOTAL CANADA</u>	5,846	96.3	19,119	97.3	2,367	81.4	27,332	95.4	27,781	95.8
D. <u>OTHER COUNTRIES</u>										
1. U.S.A.	27	0.4	74	0.4	108	3.7	209	0.7	227	0.8
2. COMMONWEALTH COUNTRIES	172	2.8	334	1.7	257	8.8	763	2.7	718	2.5
3. OTHER	28	0.5	124	0.6	178	6.1	330	1.2	265	0.9
TOTAL OTHER COUNTRIES	227	3.7	532	2.7	543	18.6	1,302	4.6	1,210	4.2
E. <u>GRAND TOTAL</u>	6,073	100.0	19,651	100.0	2,910	100.0	28,634	100.0	28,991	100.0

NOTES: (1) Freshmen are students who are taking university level courses for the first time. They thus differ from first-year students in that repeaters are included in the total of first-year students but are not counted as freshmen.

(2) The census divisions do not have names. The names are those of major centres within the divisions and have been added to assist the reader in placing the division.

(3) The Yukon and Northwest Territories are included in this category.

(SOURCE: 1971-72 Annual Reports of the Universities - Alberta and Calgary: Table 14; Lethbridge: Table 12)

TABLE 16

DEGREES⁽¹⁾ AND DIPLOMAS AWARDED BY ALBERTA UNIVERSITIES: 1970-71 AND 1971-72

TYPE OF DEGREE OR DIPLOMA AWARDED	1971-72			1970-71
	FALL 1971	SPRING 1972	TOTAL	TOTAL
A. DEGREES				
Ph.D. (Agriculture)	10	1	11	6
Ph.D. (Arts)	15	12	27	40
Ph.D. (Science)	35	35	70	83
Ph.D. (Education)	34	13	47	37
Ph.D. (Engineering)	17	26	43	31
Ph.D. (Medicine)	10	7	17	7
Ph.D. (Pharmacy)	-	1	1	-
Ph.D. (Physical Education)	6	1	7	3
M.A.	123	73	196	156
M.Sc. (2)	153	111	264	256
M.B.A.	16	42	58	44
M.Ed.	150	75	225	194
M.Eng. (2)	10	6	16	11
M.F.A.	4	-	4	3
M.H.P.	1	-	1	-
M.H.S.A.	4	3	7	5
M.Mus.	5	2	7	4
M.S.W.	15	32	47	12
M.V.A.	-	5	5	-
LL.M.	1	1	2	1
D.D.S.	-	51	51	48
LL.B.	3	109	112	87
M.D.	-	98	98	101
B.A. (Incl. Honors) (3)	253	1,211	1,464	1,461
B.Sc. (Incl. Honors)	125	697	822	707
B.Sc. (Agriculture) (4)	3	71	74	74
B.Sc. (Engineering)	16	341	357	356
B.Sc. (House Economics)	13	88	101	111
B.Sc. (Medical Lab Science)	-	15	15	10
B.Sc. (Nursing)	13	89	102	98
B.Sc. (Pharmacy)	2	69	71	64
B.Sc. (Speech Pathology & Audiology)	-	4	4	-
B.Comm.	31	275	306	254
B.Ed.	746	1,200	1,946	1,852
B.F.A.	7	34	41	30
B.Mus.	3	19	22	15
B.P.E.	23	151	174	152
B.A. (Recreational Administration)	7	24	31	23
B.L.S.	-	57	57	44
B.Medical Science	1	66	67	100
B.O.T. and B.P.T.	3	11	14	4
TOTAL DEGREES	1,858	5,126	6,984	6,484
B. DIPLOMAS				
Nursing	94	-	94	114
Physical & Occupational Therapy	1	55	56	41
Dental Hygiene	-	25	25	24
Education	165	447	612	570
Engineering	-	1	1	-
TOTAL DIPLOMAS	260	528	788	749
C. TOTAL DEGREES & DIPLOMAS	2,118	5,654	7,772	7,233

NOTES: (1) Honorary degrees are excluded from this Table.

(2) Those students receiving the M.Sc. in Engineering have been included under the M.Sc. category.

(3) The University of Lethbridge grants a Bachelor of Arts and Science degree. The recipients of this degree receive a B.A. and so have been included here.

(4) The B.Sc. in Food Science degrees have been included in this category.

(SOURCE: 1971-72 Annual Reports of the Universities - Alberta and Calgary: Table 15; Lethbridge: Table 13)

TABLE 17

COURSES OFFERED AT ALBERTA UNIVERSITIES BY UNIVERSITY AND BY LEVEL OF COURSE

1970-71 AND 1971-72

TYPE OF COURSE	1970-71				1971-72			
	ALBERTA	CALGARY	LETHBRIDGE	TOTAL	ALBERTA	CALGARY	LETHBRIDGE	TOTAL
A. <u>REGULAR SESSION</u> ⁽¹⁾								
1. LOWER LEVEL UNDERGRADUATE	219	107	51	377	224	106	44	374
2. UPPER LEVEL UNDERGRADUATE	1,035	514	281	1,830	1,148	603	283	2,034
SUB-TOTAL UNDERGRADUATE	1,254	621	332	2,207	1,372	709	327	2,408
3. GRADUATE	666	335	-	1,001	684	353	-	1,037
TOTAL COURSES OFFERED	1,920	956	332	3,208	2,056	1,062	327	3,445
B. <u>SUMMER SESSION</u> ⁽¹⁾	171	204	34	409	165	175	33	373
C. <u>EVENING CREDIT</u> ⁽¹⁾	76	95	-(2)	171	15 (3)	88	-(2)	103
D. <u>EXTENSION</u> ⁽⁴⁾	391	248	-	639	401	271	14	686

NOTES: (1) All regular session, summer session and evening credit courses are shown on a full-year equivalent basis.

(2) Lethbridge does not have a separate evening credit division as do Alberta and Calgary. Any courses taught in the evening at Lethbridge are included with the regular session courses. This treatment is different from previous Annual Reports and reflects the "integrated day" approach at Lethbridge.

(3) The large drop in evening credit courses at Alberta between 1970-71 and 1971-72 was due to the including of on campus evening courses as part of the regular session. (Off campus courses still are classed as evening credit.) Most of what used to be called evening credit thus became part of the regular session.

(4) Included in the Alberta figures are two correspondence courses in 1970-71. These were the only correspondence courses offered at the universities during the two year period.

(SOURCE: 1971-72 Annual Reports of the Universities - Alberta and Calgary: Table 16; Lethbridge: Table 14)

TABLE 18

ALBERTA UNIVERSITIES: NUMBER OF FACULTY MEMBERS IN FACULTIES AND SCHOOLS (1) ON OR ABOUT DECEMBER 1, 1971

	FULL-TIME "PERMANENT" (2) FACULTY - ON CAMPUS					FULL-TIME "TEMPORARY" FACULTY (3)	TOTAL FULL-TIME FACULTY ON CAMPUS	FULL-TIME "PERMANENT" FACULTY ON LEAVE	PART-TIME FACULTY		POST DOCTORAL FELLOWS
	DEANS	DIRS.	PROFS.	ASSOC. PROFS.	ASSIST. PROFS.	LECTS. & INSTRS.			GRAD. ASSTS.	LECTS. & INSTRS.	
AGRICULTURE	1	-	27	23	14	-	65	4	62	4	-
ARTS (ALBERTA)	1	-	55	100	155	10	321	40	407	56	-
SCIENCE (ALBERTA)	1	-	73	75	91	1	241	19	480	46	4
ARTS & SCIENCE (CALGARY & LETHBRIDGE)	2	-	91	150	212	20	475	45	409	138	6
FINE ARTS (CALGARY)	1	-	4	17	22	9	53	4	4	16	-
BUS. ADMIN. & COMMERCE	2	-	5	35	13	1	56	3	41	9	-
COLLEGE SAINT-JEAN	1	-	-	-	6	1	8	3	1	5	-
DENTISTRY	1	-(4)	10	15	4	2	32	4	4	65	-
EDUCATION	3	-	54	112	66	10	245	20	320	87	-
ENGINEERING	2	-	35	69	27	5	138	13	284	23	3
ENVIRONMENTAL DESIGN	1	-	2	3	1	-	7	-	-	2	-
GRADUATE STUDIES	2	-	2	1	1	1	7	-	16	2	-
HOUSEHOLD ECONOMICS	-	1	2	8	9	1	21	1	8	10	-
LAW	1	-	4	5	8	-	18	2	5	9	-
LIBRARY SCIENCE	-	1	-	5	-	-	6	-	-	-	-
MEDICINE	1(4)	-	59	66	51	12	189	8	64	348	1
NURSING	-	1(4)	1	-	20	10	32	3	-	11	-
PHARMACY	1	-	5	2	7	-	15	1	16	3	-
PHYSICAL EDUCATION	1	1	6	17	21	8	54	6	46	2	-
REHABILITATION MEDICINE	-	1	-	5	4	3	13	1	-	23	-
SOCIAL WELFARE	-	1	1	10	3	-	15	1	19	7	-
TOTAL ALBERTA	12	3	289	432	417	45	1,198	113	1,534	615	4
TOTAL CALGARY	8	3	129	251	252	47	690	49	652	231	10
TOTAL LETHBRIDGE	2	-	18	35	66	2	123	16	-	20	-
GRAND TOTAL 1971-72	22	6	436	718	735	94	2,011	275	2,186	866	14
GRAND TOTAL 1970-71	22	8	378	681	684	95	1,868	166	2,142	770	33

NOTES: (1) Includes only faculty members paid from regular university funds. Those paid from non-university funds, such as research grants, are excluded. Also excluded are the Administrative and Professional Officers in faculties and schools at the University of Alberta (60 in 1971-72 and 53 in 1970-71).

(2) "Permanent" faculty are those persons who have tenure or who have been appointed on a probationary basis leading to tenure.

(3) Lethbridge full-time academic assistants (demonstrators) are included in this category. There were 14 in 1971-72 (13 in Arts and Science and 1 in Education) and 16 in 1970-71 (14 in Arts and Science and 2 in Education).

(4) Although both the Universities of Alberta and Calgary have programs in Medicine and Nursing, only one Dean and one Director are shown as both the Dean of Medicine and Director of Nursing at Alberta were on leave during 1971-72. The Director of the School of Dental Hygiene at Alberta was also on leave during 1971-72.

(SOURCE: 1971-72 Annual Reports of the Universities - Alberta and Calgary: Table 17; Lethbridge: Table 15)

TABLE 19

ALBERTA UNIVERSITIES: COMPARATIVE ANALYSIS OF FACULTY AND STAFF 1967-68 TO 1971-72

On or about December 1 of each year

	1967 TOTAL	1968 TOTAL	1969 TOTAL	1970 TOTAL	1971				
					ALTA.	CALG.	LETH.	ATHA.	TOTAL
I. FULL-TIME FACULTY & STAFF									
A. <u>IN FACULTIES & SCHOOLS:</u>									
1. "Permanent" Faculty on Campus	1,242	1,450	1,707	1,868	1,198	690	123	-	2,011
2. "Temporary" Faculty(1)	143	201	258	287	192	69	14	-	275
Subtotal Faculty On Campus	1,385	1,651	1,965	2,155	1,390	759	137	-	2,286
3. Admin. & Prof. Officers	-	30	45	53	60	-	-	-	60
4. Non-Academic Staff	983	1,181	1,408	1,522	1,188	463	39	-	1,690
TOTAL FACULTIES & SCHOOLS	2,368	2,862	3,418	3,730	2,638	1,222	176	-	4,036
B. <u>IN LIBRARIES:</u>									
1. Prof. Librarians	75	98	118	122	83	38	8	-	129
2. Non-Academic Staff	335	358	415	453	310	176	25	-	511
TOTAL IN LIBRARIES	410	456	533	575	393	214	33	-	640
C. <u>IN OTHER DEPARTMENTS:</u>									
1. Academic Staff	111	141	205	214	148	73	10	4	235
2. Non-Academic Staff	1,894	1,939	2,617	2,615	1,746	815	129	3	2,693
TOTAL IN OTHER DEPARTMENTS	2,005	2,080	2,822	2,829	1,894	888	139	7	2,928
D. <u>TOTAL FULL-TIME FACULTY AND STAFF ON CAMPUS</u>	4,783	5,398	6,773	7,134	4,925	2,324	348	7	7,604
II. FULL-TIME FACULTY AND STAFF ON LEAVE	96	124	154	169	118	49	16	-	183
III. PART-TIME FACULTY AND STAFF									
A. <u>IN FACULTIES & SCHOOLS:</u>									
1. Part-Time Faculty	2,018	2,405	2,850	2,912	2,149	883	20 ⁽³⁾	-	3,052
2. Post-Doctoral Fellows	62	64	71	33	4	10	-	-	14
3. Non-Academic Staff	268	274	416	322	150	154	68	-	372
TOTAL FACULTIES & SCHOOLS	2,348	2,743	3,337	3,267	2,303	1,047	88	-	3,438
B. <u>IN LIBRARIES & OTHER DEPARTMENTS:</u>									
1. Part-Time Academic Staff	41	30	28	39	25	12	-	-	37
2. Non-Academic Staff	928	1,236	1,403	802	64	970	62	-	1,096
TOTAL LIBRARIES & OTHER	969	1,266	1,431	841	89	982	62	-	1,133
C. <u>TOTAL PART-TIME FACULTY AND STAFF</u>	3,317	4,009	4,768	4,108	2,392	2,029	150	-	4,571
IV. TOTAL PERSONS EMPLOYED BY UNIVERSITIES									
A. <u>ALBERTA</u>	5,599	6,121	6,968	7,137					
B. <u>CALGARY</u>	2,402	3,082	4,324	3,829					
C. <u>LETHBRIDGE</u>	195	328	403	441					
D. <u>ATHABASCA</u>	-	-	-	4					
GRAND TOTAL	8,196	9,531	11,695	11,411	7,435	4,402	514	7	12,358
V. FACULTY & STAFF EMPLOYED ON TRUST ACCOUNTS(2)	808	821	896	929	685	237	10	-	932

NOTES: (1) The full-time academic assistants (demonstrators) at Lethbridge (5 in 1967-68, 11 in 1968-69, 15 in 1969-70, 16 in 1970-71 and 14 in 1971-72) are included in this category.

(2) Faculty and staff employed on trust accounts are not included in Sections I-IV.

(3) To be comparable with the other universities, the 33 undergraduate student markers, included in the figure in the Lethbridge Annual Report, have been excluded in this Table.

(SOURCE: 1971-72 Annual Reports of the Universities - Alberta and Calgary: Table 18; Lethbridge: Table 16; Athabasca: Text Material)

TABLE 20

ALBERTA UNIVERSITIES: MISCELLANEOUS FACULTY DATA 1970-71 AND 1971-72

	1970-71				1971-72			
	ALBERTA	CALGARY	LETHBRIDGE	TOTAL	ALBERTA	CALGARY	LETHBRIDGE	TOTAL
A. FULL-TIME FACULTY TURNOVER								
1. NUMBER APPOINTED	167	111	22	300	129	84	14	227
2. NUMBER RETIRED	6	2	-	8	9	-	-	9
3. NUMBER RESIGNED	52	40	7	99	57	34	12	103
4. NUMBER DIED	3	-	1	4	3	-	-	3
5. NET INCREASES (A1 LESS A2, 3, 4)	106	69	14	189	60	50	2	112
6. RESIGNATIONS AS PERCENT OF FULL-TIME FACULTY(1)	4.2%	5.9%	5.6%	4.9%	4.3%	4.6%	8.6%	4.7%
B. FULL-TIME "PERMANENT" (2) FACULTY ON CAMPUS - BY RANK								
1. IN NUMBERS:								
Deans & Directors	18	10	2	30	15	11	2	28
Professors (Including Heads)	258	104	16	378	289	129	18	436
Associate Professors	427	222	32	681	432	251	35	718
Assistant Professors	386	235	63	684	417	252	66	735
Lecturers & Instructors	52	43	-	95	45	47	2	94
TOTAL	1,141	614	113	1,868	1,198	690	123	2,011
2. IN TERMS OF % OF TOTAL:								
Deans & Directors	1.6%	1.6%	1.8%	1.6%	1.3%	1.6%	1.6%	1.4%
Professors (Including Heads)	22.6	16.9	14.2	20.2	24.1	18.7	14.6	21.7
Associate Professors	37.4	36.2	28.3	36.5	36.1	36.4	28.5	35.7
Assistant Professors	33.8	38.3	55.7	36.6	34.8	36.5	53.7	36.5
Lecturers & Instructors	4.6	7.0	-	5.1	3.7	6.8	1.6	4.7
	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
C. MEAN ANNUAL FULL-TIME FACULTY SALARIES								
	\$17,170	\$16,472	\$15,250	\$16,800	\$17,840	\$17,226	\$15,990	\$17,500
D. FULL-TIME FACULTY ANNUAL SALARY SCHEDULE - BY RANK (3)								
	1970-71				1971-72			
	MINIMUM		MAXIMUM		MINIMUM		MAXIMUM	
1. ALBERTA								
Professor	\$19,730		\$ OPEN		\$20,180		\$ OPEN	
Associate Professor	14,630		19,680		15,050		20,130	
Assistant Professor	10,920		14,580		11,320		15,000	
Lecturer/Instructor	8,215		10,870		8,610		11,270	
2. CALGARY								
Professor	19,715		OPEN		19,715		OPEN	
Associate Professor	14,630		19,665		14,630		19,665	
Assistant Professor	10,920		14,575		10,920		14,575	
Lecturer/Instructor	8,215		10,865		8,215		10,865	
3. LETHBRIDGE								
Professor	19,513		OPEN		19,920		OPEN	
Associate Professor	14,522		19,463		14,845		19,915	
Assistant Professor	10,805		14,472		11,065		14,840	
Lecturer/Instructor	8,040		10,755		8,265		11,060	

NOTES: (1) Full-time faculty is defined, for the purposes of this calculation, as "permanent" faculty both on campus and on leave.

(2) For a definition of "permanent" faculty, see note 2, Table 18.

(3) These are the salary schedules for non-medical faculty. The medical faculty at the University of Alberta had a salary schedule very similar to that shown in the Table. The medical faculty at Calgary had a salary schedule in 1971-72 of:

	MINIMUM	MAXIMUM
Professor	\$23,000	\$ OPEN
Associate Professor	17,068	22,942
Assistant Professor	12,740	17,004
Instructor	9,584	12,675

(SOURCE: 1971-72 Annual Reports of the Universities - Alberta and Calgary: Table 17 & 19; Lethbridge: Table 15 & 17)

TABLE 21

ALBERTA UNIVERSITIES: LIBRARY DATA 1970-71 AND 1971-72

	1970-71			1971-72		
	ALBERTA	CALGARY	LETHBRIDGE	ALBERTA	CALGARY	LETHBRIDGE
A. <u>THE COLLECTION (1)</u>						
1. VOLUMES IN THE COLLECTION AT THE END OF THE YEAR (APPROXIMATELY)	1,120,466(2)	376,282	155,556	1,260,728(2)	446,974	192,946
2. VOLUMES ACQUIRED DURING THE YEAR	144,979(2)	52,102	18,256	140,262(2)	70,692	37,390
3. VALUE OF VOLUMES ACQUIRED DURING THE YEAR	\$1,851,670	\$ 975,486	\$ 209,470	\$1,825,102	\$1,071,647	\$ 205,371
4. VOLUMES CIRCULATED DURING THE YEAR	996,540	368,910	101,681	989,594	312,881	97,123
B. <u>NUMBER OF FULL-TIME STAFF</u>						
1. PROFESSIONAL LIBRARIANS	85(3)	30	7	83(3)	38	8
2. OTHER STAFF	302(3)	130	21	310(3)	176	25
TOTAL FULL-TIME STAFF	387	160	28	393	214	33

NOTES: (1) The definition of the term volume differs among the Universities so valid comparisons are difficult, if not impossible. Also, within a university the term volume may not have a consistent interpretation. For example, the definition of volume in A3 in the above table may not agree with the definition in A2. Also, the terms value of volumes acquired (Table 20) and library books (Table 3) may differ, leading to different figures in the two tables.

(2) These figures do not include approximately 20,000 volumes in two collections which were purchased in 1968-69 (and thus were included in the 1968-69 dollar figure) but which have not as yet been completely accessioned.

(3) These figures were taken from Table 18 in the Alberta Annual Report.

(SOURCE: 1971-72 Annual Reports of the Universities - Alberta: Tables 18 and 20;
Calgary: Table 20;
Lethbridge: Table 18)

IV. APPENDICES

APPENDIX 2
GOVERNMENT OF THE PROVINCE OF ALBERTA
OFFICE OF THE PROVINCIAL AUDITOR

EDMONTON, July 24, 1972

The Alberta Universities Commission
EDMONTON, Alberta

I have examined the Balance Sheet of The Alberta Universities Commission as at March 31, 1972, and the Statements of Revenue and Expenditure and Trust Fund Operations for the year then ended. My examination included a general review of the accounting procedures and such tests of accounting records and other supporting evidence as I considered necessary in the circumstances.

In my opinion these financial statements present fairly the financial position of the Commission as at March 31, 1972, and the results of its operations for the year then ended, in accordance with generally accepted accounting principles applied, subject to Note 3, on a basis consistent with that of the preceding year.

 F. C. A.
Provincial Auditor.

Statement A

GOVERNMENT OF THE PROVINCE OF ALBERTA
THE ALBERTA UNIVERSITIES COMMISSION
BALANCE SHEET
AS AT MARCH 31, 1972

ASSETS

General Account:
Cash on hand and in bank
Short term deposits, including accrued interest
Canada Savings bonds, including accrued interest
Accounts receivable
Province of Alberta, accrued debenture interest,
see contra
Furnishings and equipment, nominal value
Other:
Transfer to Province of Alberta of proceeds of
debenture issues as reimbursement, in part,
of universities' capital costs
Debenture discount

Less: Sinking fund contributions by Province
of Alberta and earnings thereon

\$ 24,089.04
286,772.87
35,855.79
32.78
1,086,543.71
1.00
\$44,318,750.00
681,250.00
\$45,000,000.00
3,542,065.73
41,457,934.27
\$42,891,209.26

LIABILITIES

General Account:
Accounts payable
Accrued debenture interest, see contra
Long term debt: (Note 1)
7% sinking fund debentures maturing
December 1, 1992
7 1/2% sinking fund debentures maturing
December 2, 1975
7 1/2% sinking fund debentures maturing
December 2, 1988
Less: Sinking fund assets
Reserve for special studies (Note 2)
Surplus:
As at March 31, 1971
Deficit for the year ended March 31, 1972,
Statement B
\$20,000,000.00
12,500,000.00
12,500,000.00
\$45,000,000.00
3,542,065.73
41,457,934.27
256,734.48
\$ 45,883.02
1,086,543.71
\$1,283,406.77
532,944.56
\$1,816,351.33
4,022.72
1,820,374.05
\$44,711,583.31

Trust Account:
Cash in bank and trust company
Investments, at cost:
(Approximate market value
\$1,834,660.00)

Term deposits
Government of Canada bonds
Corporation debentures
Corporation shares
Advances on mortgages
\$994,900.00
50,000.00
236,000.00
373,175.66
152,979.03

\$ 13,320.36
1,807,053.69
1,820,374.05
\$44,711,583.31

Trust Account:
Escheated estates, Statement C:
Capital
Income

\$1,271,166.33
12,240.44

Universities capital grants,
Statement G


\$1,283,406.77
532,944.56
\$1,816,351.33
4,022.72

Other

1,820,374.05

The accompanying notes are part
of these financial statements.

This is the Balance Sheet referred to in my report of July 24, 1972,
addressed to The Alberta Universities Commission.

C. X.  F.C.A.
Provincial Auditor.

GOVERNMENT OF THE PROVINCE OF ALBERTA
THE ALBERTA UNIVERSITIES COMMISSION
STATEMENT OF REVENUE AND EXPENDITURE
FOR THE YEAR ENDED MARCH 31, 1972

REVENUE

Contributions from the Province of Alberta:			
Debt charges, see contra		\$3,319,763.64	
General	\$366,270.00		
Less: Transfer to Reserve for special studies	<u>160,000.00</u>		
		<u>206,270.00</u>	
			\$3,526,033.64
Interest			14,475.37
Office of professional examinations, net			<u>6,342.14</u>
			\$3,546,851.15

EXPENDITURE

Debt charges, see contra:			
Interest on debentures		\$3,280,995.78	
Amortization of debenture discount		<u>38,767.86</u>	
			\$3,319,763.64
Salaries			128,615.56
Universities Co-ordinating Council			49,988.12
Advisor to schools of nursing			22,901.30
Rental and operation of leased premises			10,853.80
Travelling			10,808.48
Pension plan contributions			5,731.85
Office machine rentals and maintenance			3,560.87
Legal fees			3,097.65
Telephone and telegraph			2,643.01
Printing, stationery and office supplies			1,922.77
Subscriptions and publications			581.53
Entertainment			482.15
Parking stall rentals			450.50
Staff medical insurance			362.31
Postage			286.33
Miscellaneous			<u>293.58</u>
			\$3,562,343.45
Deficit for the year ended March 31, 1972			<u>\$ 15,492.30</u>

GOVERNMENT OF THE PROVINCE OF ALBERTA
THE ALBERTA UNIVERSITIES COMMISSION
STATEMENT OF TRUST FUND OPERATIONS
FOR THE YEAR ENDED MARCH 31, 1972

	Escheated Estates Capital	Income	Universities Operating Grants	Universities Capital Grants	Universities Matching Capital Grants	Total
Balance as at March 31, 1971	\$1,228,759.17	\$42,939.70	\$	\$ 3,716,763.99	\$	\$ 4,988,462.86
Less: Adjustment applicable to previous year (Note 3)		13,767.75		1,730.55		15,498.30
Revised balance as at March 31, 1971	\$1,228,759.17	\$29,171.95	\$	\$ 3,715,033.44	\$	\$ 4,972,964.56
Receipts:						
Contributions from the Province of Alberta			89,500,000.00	35,936,000.00	4,463,423.15	129,899,423.15
Estates acquired	99,532.70	60,482.93		13,911.12		99,532.70
Interest and dividends		503.40				74,394.05
Miscellaneous						503.40
	\$1,328,291.87	\$90,158.28	\$89,500,000.00	\$39,664,944.56	\$4,463,423.15	\$135,046,817.86
Payments:						
Grants to universities, net:						
The University of Alberta	\$	\$49,532.41	\$55,550,000.00	\$17,812,000.00	\$1,643,068.50	\$ 75,054,600.91
The University of Calgary		24,919.82	28,734,000.00	16,536,000.00	2,344,354.85	47,539,274.27
The University of Lethbridge		3,465.81	4,816,000.00	4,459,000.00	476,000.00	9,754,465.81
Athabasca University			250,000.00	217,000.00		467,000.00
Banff School of Fine Arts			150,000.00	108,000.00		258,000.00
Investment management fee	4,133.73					4,133.73
Loss on sale of investments	52,991.81					52,991.81
	\$ 57,125.54	\$77,917.84	\$89,500,000.00	\$39,132,000.00	\$4,463,423.15	\$133,230,466.53
Balance as at March 31, 1972	\$1,271,166.33	\$12,240.44	\$	\$ 532,944.56	\$	\$ 1,816,351.33

Balance as at March 31, 1971

Less: Adjustment applicable to previous year (Note 3)

Revised balance as at March 31, 1971

Receipts:

Contributions from the Province of Alberta

Estates acquired

Interest and dividends

Miscellaneous

Payments:

Grants to universities, net:

The University of Alberta

The University of Calgary

The University of Lethbridge

Athabasca University

Banff School of Fine Arts

Investment management fee

Loss on sale of investments

Balance as at March 31, 1972

GOVERNMENT OF THE PROVINCE OF ALBERTA

THE ALBERTA UNIVERSITIES COMMISSION

NOTES TO THE FINANCIAL STATEMENTS

MARCH 31, 1972

Note 1 Debentures are subject to prior redemption and guaranteed as to principal and interest by the Province of Alberta.

Note 2 Transactions relating to the reserve for special studies are summarized hereunder:

Balance as at March 31, 1971		\$169,896.17
Add: Portion of administration grant		<u>160,000.00</u>
		\$329,896.17
Deduct: Payments for the following committees and studies:		
Medical education	\$23,689.68	
University cost study	17,500.00	
Academic master plan	14,504.65	
Computer development	9,448.62	
Building specifications	4,433.18	
Admissions from colleges	2,144.75	
Space needs	729.44	
Common information needs and systems	659.17	
Library rationalization	<u>52.20</u>	
		<u>73,161.69</u>
Balance as at March 31, 1972		<u><u>\$256,734.48</u></u>

Note 3 The Statement of Trust Fund Operations previously prepared on the accrual basis has been revised to a cash basis for the year ended March 31, 1972. The balances as at March 31, 1971, appearing in the current statement have been restated to exclude accrued interest receivable.

